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FOUNDED 1890

**PATENT, TRADEMARK, COPYRIGHT
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TOTAL PAGES (Including Cover Page) 16 **DATE:** December 3, 2004

Commissioner of Patents and Trademarks

TO: Attn.: Examiner Jesse A. Fenty **FROM:** Mr. James R. Foley, Reg. No. 39,979

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NOTES:

Inventors: Valeriy Sukharev et al.

For: Copper-Low-K Dual Damascene

Interconnect with Improved Reliability

Art Unit: 2815

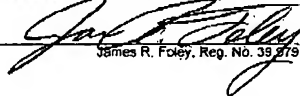
Serial No.: 10/615,042

Filed: July 8, 2003

Attorney Ref.: 03-0509

CERTIFICATION OF FACSIMILE TRANSMISSION

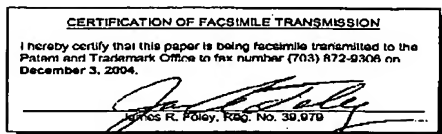
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In re application of: Valeriy Sukharov et al.
Serial No.: 10/615,042
Filed: July 8, 2003
Art Unit: 2815
For: COPPER-LOW-K DUAL DAMASCENE
INTERCONNECT WITH IMPROVED
RELIABILITY.



MAIL STOP: RESPONSE
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a Response to the Office Action mailed November 9, 2004.

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra
TOTAL	* 14	MINUS	** 70	0
INDEP.	* 4	MINUS	** 1	0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

SMALL ENTITY	
Rate	Addit. Fee
x 9 =	\$.00
x 12 =	\$.00
+ 130	\$.00
TOTAL	
ADDIT. FEE	\$.00

OTHER THAN A SMALL ENTITY	
Rate	Addit. Fee
x 18 =	\$.00
x 84 =	\$.00
+ 260	\$.00
TOTAL	\$.00

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ Please charge my Deposit Account No. 12-2252 in the amount of \$ _____. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of _____ to cover the filing fee is also enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-2252.
- ☒ Any filing fees required under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17

Dated: December 3, 2004

James R. Foley
Attorney of Record
Reg. No. 39,979

In re application of: Valeriy Sukharev et al.
 Serial No.: 10/615,042
 Filed: July 8, 2003
 Art Unit: 2815
 For: COPPER-LOW-K DUAL DAMASCENE
 INTERCONNECT WITH IMPROVED
 RELIABILITY

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 James R. Foley, Reg. No. 35,979

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 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a Response to the Office Action mailed November 9, 2004.

The filing fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)
	Claims Remaining After Amendment		Highest No. Previously Paid for	Present Extra
TOTAL	* 14	MINUS	** 20	0
INDEP.	* 4	MINUS	** 4	0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

SMALL ENTITY	
Rate	Addit. Fee
x 9 =	\$.00
x 42 =	\$.00
+ 130 =	\$.00
TOTAL ADDIT. FEE	\$.00

OTHER THAN A SMALL ENTITY	
Rate	Addit. Fee
x 18 =	\$.00
x 84 =	\$.00
+ 260 =	\$.00
TOTAL	\$.00

OR

OR

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
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 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

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- ☐ A check in the amount of _____ to cover the filing fee is also enclosed.
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- ☒ Any filing fees required under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17

Dated: December 3, 2004

James R. Foley
 James R. Foley
 Attorney of Record

Reg. No. 35,979

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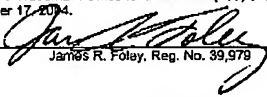
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/615,042)
)
Filed: July 8, 2003)
)
Art Unit: 2815)
)
Examiner: Jesse A. Fenty)
)
For: COPPER-LOW-K DUAL)
DAMASCENE)
INTERCONNECT WITH)
IMPROVED RELIABILITY)
)
Inventors: Valeriy Sukharev et al.)
)
Attorney Ref: 03-0509)

CERTIFICATION OF FACSIMILE TRANSMISSION

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James R. Foley, Reg. No. 39,978

RESPONSE TO OFFICE ACTION MAILED NOVEMBER 9, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313 1450
Mail Stop: Response

Sir:

In the matter of the above-identified application and in response to the Office Action
mailed November 9, 2004, kindly enter the following amendments and consider the following
remarks toward reconsideration of the present application.